~AC
THR1 SCK 1R37
F1 8A 250VAC
LF1 CX1 0.47u 250V LF2
CY1 472 CY2 472
C31 222 C38 222
DB1 GBU806
SW1 ~110V/~220V
+300VDC
C3 680u 200V C8 680u 200V
ZNR1 ZNR2
R4 220K R6 200K
D3 C5 103K 1kV
T1
D5 MBR10200CT
C9 102K R8 15
L1 L2
C10 1000u 16V Rxx 120 C11 1000u 16V
+12V
R59 100 Cxx 471
D2 Cxx 470u 16V Rxx 800
-12V
D4 Cxx 470u 16V R5 510
-5V
D7 SBL4045PT
C14 102K R14 15
C17 2200u 16V R13 120 L3 C18 1000u 6.3V
+5V
U1 GM3843
FB VCC COMP OUT VREF GND CT IS
C26 222 R26 10K
D12 1N4148 D10 1N4148
D8 1N4148 R16 5.1 R17 22 R19 10K
Q2 W12NK90Z
R21 1K C24 471 R2 0.11
C25 2.2u 50V R20 1K R18 720 1% C27 221
C20 103 C21 103
D14 1N4148 R38 220
L4 R15 15 C19 102K
D9 MBR4045PT L5 C22 3300u 10v R22 100
L6 C23 1000u 6.3V
+3.3V
D11 1N4148 D13 1N4148
Q3 B1116A R27 3.3 R29 470 R32 100
R28 10 +3.3V_SEN R34 1.91K 1%
R36 3.3K C28 224 U2 KIA431
R30 1K C29 104 R37 5.62K 1%
R33 2.4K Q4 A1273 Q5 A1015 C30 4.7u 50V
ZD1 R35 100 R40 2.4K THR2 R42 16.5K 1%
FAN C12 47u 50V
PC2 EL817
R25 10K R31 1K
R23 1K R54 1K +12V
R61 10K C43 224 U6 KIA431
R55 1.54K 1% R58 6.19K 1% +5V
R68 2K VR1 102
C36 104
T2
+300VDC
R52 750K R60 750K
C37 102 1kV R49 100K D19
R43 6.6 D16
J3
ZD2 C7 22u 50V C32 22u 50V
U4 ICE2A0565Z
VCC D IS SS FB GND
R73 2 C51 104 R75 150K
C50 222 R74 22
PC3 EL817
D17 L7 C33 1500u 6.3V C34 470u 16V R45 36
R53 330 R63 10K C45 224 U5 431
R57 4.7K 1% R70 4.7K 1%
+5V_SB
D15 1N4148 D18 1N4148 +12V
R46 20K R47 2.32K 1% C35 104
U3 W7510
VCC GND FPL PGI PDON PGO V5 V33
C49 103 R69 100 PS_ON
PG
R50 1K +5V
R41 1K
Q1 A1015 R7 4.7K R10 1K
C15 10u 50V C16 104 R12 10K
PC1 EL817
R51 47 +3.3V
Q6 C945 C35 104 R71 10K
D20 1N4148 R62 2K R67 2K R66 2K -12V
D21 1N4148 -5V

Рис. 2. Принципиальная электрическая схема блока питания «PowerMan IP-P350AJ»